



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 22, 2020

David A. Bergsten
Assistant Chief
Environmental and Risk Analysis Services
Policy and Program Development
Animal and Plant Health Inspection Service
U.S. Department of Agriculture
4700 River Road, Unit 149
Riverdale, MD 20737-1237

Subject: Notification per PRN 98-10 – Correction of mathematical errors on metric bait rates
Product Name: Compound DRC-1339 Concentrate- Livestock, Nest & Fodder Depredations
EPA Registration Number: 56228-29
Application Date: 02/27/2020
Decision Number: 561909

Dear Mr. Bergsten:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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If you have any questions, you may contact please contact Paul Di Salvo at 703-347-0322 or by email at disalvo.paul@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Paul Di Salvo" followed by a small flourish.

Gene Benbow, Product Manager 07
Invertebrate and Vertebrate Branch 3
Registration Division (7505P)
Office of Pesticide Programs

RESTRICTED USE PESTICIDE

DUE TO HIGH ACUTE INHALATION TOXICITY AND EYE AND SKIN CORROSIVENESS TO HUMANS;
HIGH ACUTE TOXICITY TO NONTARGET BIRDS AND AQUATIC INVERTEBRATES;
AND THE NEED FOR HIGHLY SPECIALIZED APPLICATOR TRAINING.

For retail sale to and use only by USDA APHIS Certified Applicators trained in bird control or by persons under their direct supervision.

COMPOUND DRC-1339 CONCENTRATE – LIVESTOCK, NEST & FODDER DEPREDATIONS

For control of crows, ravens, and magpies that prey on newborn livestock, that prey on eggs or the young of Federally-designated Threatened or Endangered Species or other species designated to be in need of special protection, or that damage and feed on the contents of silage/fodder bags.

ACTIVE INGREDIENT:

DRC-1339; 3-chloro-p-toluidine hydrochloride: 97.0%

OTHER INGREDIENTS: 3.0%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN

**DANGER-PELIGRO
POISON**



NOTIFICATION

56228-29

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

04/22/2020

FIRST AID

IF INHALED:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance; then give artificial respiration, preferably mouth-to-mouth, if possible.
- Call a poison control center or doctor immediately for treatment advice.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor immediately for treatment advice.

IF SWALLOWED:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of soap and water for 15-20 minutes.
- Call a poison control center or doctor immediately for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. If you need immediate medical attention, call the Poison Control Center at 1-800-222-1222 or a doctor. For non-emergency information concerning this product, call the National Pesticide Information Center at 1-800-858-7378.

NOTE TO PHYSICIAN AND VETERINARIAN: Probable mucosal damage may contraindicate the use of gastric lavage. See **PRECAUTIONARY STATEMENTS** for additional information.

TREATMENT FOR PET POISONING: If pet eats bait, call a veterinarian at once.

United States Department of Agriculture
Animal and Plant Health Inspection Service
4700 River Road, Unit 149
Riverdale, MD 20737
EPA Est. 56228-ID-01

Net Contents: _____

Batch Code: _____

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Fatal if inhaled. Corrosive. Causes irreversible eye damage and skin burns. May be fatal if swallowed. Harmful if absorbed through skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some people. Do not get in eyes, on skin, or on clothing. Do not breathe dust.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Handlers who mix packages containing **1 lb (0.45 kg) or more of this product must wear:**

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves such as: barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or viton ≥ 14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear (goggles or face shield)
- A minimum of a NIOSH-approved elastomeric half mask respirator with organic vapor (OV) cartridges and combination N, R, or P filter; OR a NIOSH-approved gas mask with OV canisters; OR a NIOSH-approved powered air purifying respirator with OV cartridges and combination HE filters

Handlers who mix packages containing **less than 1 lb (0.45 kg) of this product must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as: barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or viton ≥ 14 mils
- Protective eyewear (goggles or face shield)

Applicators who apply or clean up bait must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as: barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or viton ≥ 14 mils
- Protective eyewear (goggles or face shield)

Any person who handles carcasses must wear:

- Waterproof gloves

USER SAFETY RECOMMENDATIONS

Users should:

- Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are provided for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

- This product is very highly toxic to birds and aquatic invertebrates.
- **DO NOT** use in any manner that may endanger nontarget and protected bird species.
- Runoff may be hazardous to aquatic organisms in neighboring areas.
- **DO NOT** apply when runoff is likely to occur.
- **DO NOT** apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark.
- **DO NOT** contaminate water by the cleaning of equipment or disposal of waste.

ENDANGERED SPECIES CONSIDERATIONS

- Before undertaking any control operations with the product, consult with local, State, and Federal Wildlife authorities to ensure the use of this product presents no hazard to any Threatened or Endangered Species.
- **DO NOT** apply toxic baits where there is a danger that Threatened or Endangered Species will consume baits unless special precautions are taken to limit such exposures.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

READ THIS LABEL: Read the entire label. This product must be used strictly in accordance with this label's precautionary statements and use directions, as well as with all applicable State and Federal laws and regulations.

Before using this product, contact the U.S. Fish and Wildlife Service and the applicable State wildlife agency and obtain all kill or collecting permits, if applicable. Use only for the sites, pests, and application methods described on this label.

PRODUCT INFORMATION: This product contains an avicide for control of target bird species (see list of allowed target species and allowed use sites below).

USE RESTRICTIONS

- Baits made from Compound DRC-1339 - Livestock, Nest & Fodder Depredations may only be used to control the following species:
 - Common raven (*Corvus corax*);
 - Chihuahuan raven (*Corvus cryptoleucus*);
 - American crow (*Corvus brachyrhynchos*);
 - Fish crow (*Corvus ossifragus*); and
 - Black-billed magpie (*Pica hudsonia*).
- This product may be used to prepare egg or meat baits to control the target species listed above in the following use sites:
 - Rangeland and pastureland areas where ravens or crows prey upon newborn livestock;
 - Refuges or other areas where ravens or crows prey upon the eggs and/or young of Federally-designated Threatened or Endangered Species, or upon the eggs and young of other species which Federal or State wildlife agencies have determined to be in need of protection from nest predators due to documented declines in numbers and/or in nesting success; or
 - Within 25 feet (7.6 m) of silage/fodder bags that have been damaged or are likely to be damaged by crows, ravens, or black-billed magpies.
- Baits must be prepared and applied as specified on this label. **DO NOT** apply baits made from this product by air or by use of any mechanical equipment designed to broadcast baits or other pesticides. Users of this product must follow all limitations indicated on this label regarding the placement and monitoring of toxic baits.
- Before toxic baits made from this product are applied, sites that are to be treated **must be observed** for evidence of nontarget activity **and must be prebaited** (see specific instructions for these activities under **PREBAITING**).
- **DO NOT** apply toxic baits where there is a danger that Threatened or Endangered Species will consume toxic baits unless special precautions are taken to limit such exposures. Such precautions shall include observation of baited sites and use of hazing tactics to frighten away Threatened or Endangered Species that otherwise might feed upon toxic baits.
- **DO NOT** apply toxic baits within 50 feet (15.2 m) of permanent manmade or natural bodies of water, unless baited sites are under constant observation while baits are exposed.
- **DO NOT exceed a maximum single application rate of 5,200 meat baits/acre (2,104-12,849 meat baits/hectare) or 1,000 egg baits/acre (405-2,471 egg baits/hectare), or a maximum yearly application rate of 26,000 meat baits/acre (10,522-64,246 meat baits/hectare) or 5,000 egg baits/acre (2,023-12,355 egg baits/hectare).**
- **DO NOT** store toxic bait in locations accessible to children, pets, domestic animals, or nontarget wildlife.
- Prior to application, and during the time between the conclusion of application and the disposal of unconsumed bait, **DO NOT** temporarily place toxic bait in locations accessible to children, pets, domestic animals, or nontarget wildlife. Follow the directions in **ENTRY RESTRICTIONS** to avoid exposure to children, pets, or domestic animals during application. Follow the directions in **PRETREATMENT OBSERVATIONS** to mitigate exposure to nontarget wildlife during application.
- **DO NOT** apply toxic bait in a way that will contact workers or other persons.
- **DO NOT** use toxic baits as food or feed.
- **DO NOT** apply toxic baits made from this product in any way that could contaminate human food or animal feed.

DIRECTIONS FOR USE, continued

ENTRY RESTRICTIONS

Only protected applicators may be in the area during bait application. Keep pets and livestock, and persons other than authorized handlers away from the toxic bait at all times, and exclude all unauthorized persons, pets, and livestock from application sites during prebaiting, baiting, and posttreatment clean-up. For example, post signage near, in the vicinity of, or at main entrances or commonly used access points to prebaiting and baiting sites that warns persons not to pick up or handle any baits and to keep pets and livestock away from bait.

PRETREATMENT OBSERVATIONS

Prior to application, the applicator or land manager must carefully observe and document the habits of target birds to (1) determine their relative numbers, (2) locate preferred feeding sites that can be baited in accordance with this label, (3) determine the optimum time of day for applying bait, and (4) evaluate the potential for hazards of the application to nontarget and protected species.

PREBAITING

Prebaiting with nontoxic bait materials (or use of a draw station) is necessary to promote feeding by target species and to assess potential for exposure of nontarget species.

Apply the prebait at the locations that are to be used for toxic baiting using the same application method that is to be used for toxic baiting (see **APPLICATION DIRECTIONS**).

Observe baited areas (from blinds, if necessary) early in prebaiting period to determine whether nontarget species are approaching baits. Haze away Threatened or Endangered and nontarget species that might consume baits. Remove baits if such nontarget species continue to approach them.

BAIT PREPARATION

Toxic meat and egg baits must be prepared as specified in Table 1.

NOTE: During bait preparation, wear all PPE as listed under **PERSONAL PROTECTIVE EQUIPMENT**.

Place toxic bait into a container marked "**POISON**." Toxic bait that has been exposed to sunlight or heat in excess of 110 °F (43 °C) may discolor. Immediately use toxic bait that has been exposed to sunlight or heat in excess of 110 °F (43 °C) following preparation, or dispose of as directed under **STORAGE AND DISPOSAL**. Use toxic bait within the shelf life time period shown in Table 1, or dispose of as directed under **STORAGE AND DISPOSAL**.

TABLE 1

Bait Material	Bait Mixing Instructions	Amount of DRC-1339 in Toxic Bait	Shelf Life
Meat	<ol style="list-style-type: none">Mix 0.027 oz (0.75 g) of Compound DRC-1339 Concentrate with 0.18 oz (5.0 g) of powdered sugar.Pour or sprinkle concentrate-sugar mixture over 200 meat cubes that measure about 0.5 in (1.3 cm) on each side.Mix or tumble bait slowly until all meat cubes appear to be evenly covered.	0.0001 oz (0.004 g) per meat cube	Store refrigerated; use toxic bait within 2 days
Hard-boiled Eggs (chicken, turkey, or duck)	<ol style="list-style-type: none">Dissolve 0.07 oz (2 g) of Compound DRC-1339 Concentrate in 0.2 pint (100 ml) of warm potable water at 110 °F (43.3 °C) to make an approximately 2% solution; or dissolve 0.14 oz (4 g) of the product in 0.2 pint (100 ml) of warm potable water at 110 °F (43.3 °C) to make an approximately 4% solution; or in other proportions to produce a 2% or 4% solution.Using an 18-gauge hypodermic needle or similarly-sized implement, make an entry hole in the end of each hard-boiled egg.Using a syringe and a 20-gauge hypodermic needle, slowly inject 0.002 pints (1 ml) of the 2% solution (or 0.001 pints or 0.5 ml of the 4% solution) into the yolk of each egg.Make only enough solution to treat the desired number of eggs. Mark toxic eggs with small skull and crossbones or the word "POISON."	0.0007 oz (0.02 g) per egg	Store refrigerated; use toxic bait within 7 days

DIRECTIONS FOR USE, continued

APPLICATION DIRECTIONS

Use only the bait application methods listed for the use site in Table 2 below.

NOTE: During toxic bait application, wear all PPE as listed under **PERSONAL PROTECTIVE EQUIPMENT**. Use a scoop or other appropriate utensil when applying toxic bait. **NOTE:** In the State of California, scoops must be long-handled.

TABLE 2

Bait Type	Baiting Instructions
Meat baits	<ul style="list-style-type: none"> • Control of crows, magpies, and ravens with toxic meat baits prepared from this product is limited to the sites indicated above under USE RESTRICTIONS. • Place no more than 75 meat baits at each baited site. Place 5 to 10 baits in clusters over an area not to exceed 1,000 ft² (93 m²) where control of ravens, magpies, and/or crows is to be affected. • Draw stations (fresh, unpoisoned animal carcasses) may be needed to attract ravens, magpies, and/or crows to the locations selected for bait exposure. If draw stations are used, place toxic meat baits on or within a few feet of the animal carcasses. • WHILE TOXIC MEAT BAITS ARE EXPOSED, BAITED AREAS MUST BE OBSERVED CONTINUOUSLY FROM A DISTANCE OF NO MORE THAN 1,000 YARDS (914 m) TO DETECT APPROACHES BY THREATENED OR ENDANGERED SPECIES AND OTHER NONTARGET OR PROTECTED ANIMALS LIKELY TO EAT BAITS. Because of wariness of target bird species, it may be necessary to observe baits from behind natural or specially-constructed blinds. Haze away Threatened or Endangered and nontarget species that might consume baits. Remove baits if such nontarget species continue to approach them. • Unconsumed toxic meat baits must be retrieved daily, at the conclusion of each observation period and no later than one hour after sunset.
Egg baits	<ul style="list-style-type: none"> • Control of crows, magpies, and ravens with toxic egg baits prepared from this product is limited to the sites indicated above under USE RESTRICTIONS. • Place all toxic egg baits to be used at one baited site within 25 ft (7.6 m) of the center of the site or within 25 ft (7.6 m) of any silage/fodder bags that are to be protected. Place 1-4 egg baits in each bait set, and do not use more than a total of 18 egg baits per baited site. • If a draw station (fresh, unpoisoned animal carcass) is used, all bait sets must be located at least 10 ft (3 m) from the carcass. • Wherever practical, bait sets should be made in “dummy” nests created by making small depressions in the ground. Dummy nests may be partially hidden by vegetation or other debris. • In other situations, egg baits may be placed on elevated wooden platforms 1 to 2 ft² (0.1 to 0.2 m²) in area. Egg baits placed on platforms must be restrained by wire to prevent them from falling off platforms or being removed by birds. Apply 2-3 egg baits per platform. • DO NOT USE MORE TOXIC EGG BAITS THAN ARE NEEDED FOR EFFECTIVE CONTROL, as ravens and crows tend to cache surplus food. • Observe baited areas (from blinds) early in the baiting period to determine whether nontarget species are approaching egg baits. Haze away Threatened or Endangered and nontarget species that might consume baits. Remove baits if such nontarget species continue to approach them. • Rebait with additional toxic egg baits when more than 50% of the toxic egg baits offered have been removed by ravens, magpies, or crows. When replacing baits, take care not to frighten target birds actively removing or feeding upon eggs. • Retrieve unconsumed toxic egg baits within 7 days of exposure.

DIRECTIONS FOR USE, continued

POSTTREATMENT CLEAN-UP

NOTE: During clean-up, wear all PPE as listed under **PERSONAL PROTECTIVE EQUIPMENT**. To further reduce the potential for exposure, use appropriate implements such as scoops or other tools to collect carcasses or uneaten toxic bait.

BAIT CLEAN-UP:

The applicator must remove all unconsumed, regurgitated, or spilled toxic bait according to the directions for bait retrieval in Table 2.

Use shovels, scoops or other tools to collect uneaten toxic bait. If baits have broken down or are otherwise difficult to retrieve in their entirety, bury via manual methods (e.g., shoveling under) to a minimum depth of 2 inches (5.08 cm), as appropriate.

Dispose of collected, unused, and outdated toxic bait according to instructions under **STORAGE AND DISPOSAL**.

CARCASS CLEAN-UP:

Within 72 hours after each toxic bait application, the applicator or land manager will search treated areas and other locations frequented by target birds, and remove all dying birds and carcasses found.

Carcass collections should not be made in areas where human entry would adversely affect nontarget species and their breeding efforts, unless the carcasses themselves also pose risks to nontarget species.

Dispose of all carcasses in accordance with applicable Federal, State, and local laws and regulations.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store only in original container, in a dry place inaccessible to children, pets, and domestic animals

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled toxic bait, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bags by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. If bags are not to be recycled, dispose of bags in a sanitary landfill if allowed by State and local authorities or by incineration.

Container Label

<p>RESTRICTED USE PESTICIDE Compound DRC-1339 Concentrate – Livestock, Nest & Fodder Depredations KEEP OUT OF REACH OF CHILDREN Active Ingredient: DRC-1339 - 97.0% Other Ingredients: 3.0% See full label for FIRST AID & DIRECTIONS FOR USE EPA Reg. No. 56228-29; EPA Est. 56228-ID-1 Net Contents: _____; Batch Code: _____</p>	 DANGER
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Dimensions: 1 inch by 2.625 inches